Karl Fischer Titrator LX100KFT

Email: info@labdex.com **website:** www.labdex.com

Description

Karl Fischer Titrator LX100KFT is a fast, reliable, and highly intuitive moisture measurement. Designed for broad applicability across liquids, semi-solids, and powders, offers a measurement range of 30 ppm - 100% with a moisture display resolution of 1ppm this instrument combines advanced electronic control with robust hardware to achieve high precision, automation, and user convenience.

Specifications

Titration method	Volumetric titration
Measurement range	30 ppm - 100%
Moisture display resolution	1 ppm
Sensitivity	10^{-6} A
Display	LED Screen
Capacity error	≤ ± 0.002
Burette capacity	> 25 ml
Linear correlation coefficient of water titration	≥ 0.998
Power supply	220 V 50/60 Hz

Features

- Titration value is digitally displayed on an LED screen
- Based on Karl Fischer titration theory for precise moisture analysis
- Functions as a micro water content analyzer
- Equipped with high-precision metering pump and 3-way diversion valve
- Liquid circuit uses anti-corrosion materials for long-term durability
- Fully sealed system ensures airtight performance
- Supports automatic sample loading, injection, titration, and waste discharge
- Suitable for liquids and solid materials moisture testing
- Features advanced technology, reliable readings, and stable operation
- User-friendly controls

Applications

- It is widely used for accurate moisture analysis in both liquid and solid samples across various industries. Its precision and automation make it ideal for applications in pharmaceuticals,

petrochemicals, chemicals, food processing, tobacco, and environmental testing.

71-75 Shelton Street Covent Garden, London WC2H 9JQ UK.
Email: info@labdex.com | Website: www.labdex.com